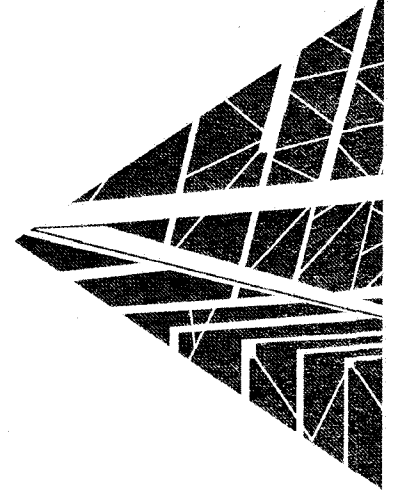


- KEYNOTES:
- 1 NEW ENWALL, SEE DET. EW-1APC/C504.
 - 2 OUTLET PROTECTION, SEE DET. EC-1/C504. CLASS I DRY RIPRAP, 1'-24" MIN. MATCH PROP. DITCH SECTION (BY OTHERS). INSTALL STONE IN DITCH SECTION FROM PROP. STR. 50217 TO 15 FT. BEYOND 50200.
 - 3 NEW 6" DIA. RAIN LEADER WITH SMOOTH WALL INTERIOR. COORDINATE WITH PLUMBING.
 - 4 NYLOPLAST DRAIN BASIN. SEE DET. SH. C504.
 - 5 RAIN LEADER CLEANOUT. SEE DET. 017/C503.
 - 6 15" RCP ENTRANCE CULVERT (BY OTHERS)

GENERAL NOTES

- 1. LENGTH OF STORM DRAIN PIPE IS HORIZONTAL DISTANCE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- 2. SEE SH. STORM DRAIN PROFILE SHEETS FOR STORM DRAIN AND MANHOLE SCHEDULES, SH. C303, FOR MORE INFORMATION.
- 3. SEE STORM STRUCTURE SCHEDULE, SH. C303, FOR MORE INFORMATION.
- 4. SEE DET. 016/C503 FOR STORM DRAIN TRENCH AND SPILL GUTTER WHERE DRAINAGE PATTERN IS AWAY FROM GUTTER TO PREVENT TRAPPED OR STANDING WATER.
- 5. "SPILL" GUTTER WHERE DRAINAGE PATTERN IS AWAY FROM GUTTER TO PREVENT TRAPPED OR STANDING WATER. ALL RAIN LEADERS 12" DIA. OR LESS SHALL BE INSTALLED AT 1/8" MIN. SLOPE UNLESS NOTED OTHERWISE.
- 6. PROP. AND EXIST. CONTOURS SHOWN AT 2' INTERVAL.
- 7. PROP. AND EXIST. CONTOURS SHOWN AT 2' INTERVAL.
- 8. PROP. AND EXIST. CONTOURS SHOWN AT 2' INTERVAL.

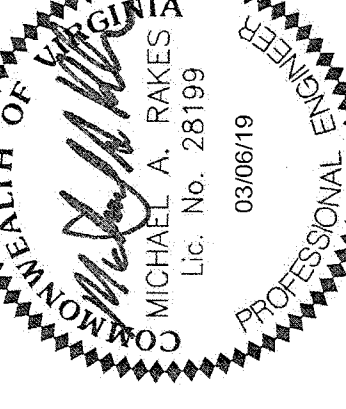


SPECTRUM DESIGN
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ROANOKE

VALLEY STAR
CREDIT UNION
NEW CORPORATE
HEADQUARTERS

SPECTRUM DESIGN PROJECT NO. 18018



DATE: 06/03/2019
DESIGN ARCHITECT: MICHAEL A. RAKES
PROJECT ARCHITECT: MICHAEL A. RAKES
PROJECT ENGINEER: MICHAEL A. RAKES
DRAWN BY: MICHAEL A. RAKES
REVISIONS: 01
NUMBER: 01
DATE: 06/03/2019

GRADING &
DRAINAGE PLAN

C301

